

03-17-00

10110-2:VOW:80881/nkg

**Utility Patent Application  
Transmittal**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket Number	10
First Inventor or Application Identifier	Ito, Katsuhisa
Title	A LASER DEVICE AND AN OPTICAL SIGNAL AMPLIFIER USING THEREOF
Express Mail Label Number	EL 210000005US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

Address To: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

\*Fee Transmittal Form (e.g., PTO/SB/17)

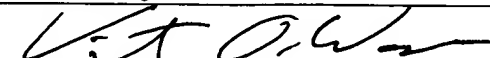
5. ☐ Microfiche Computer Program (Appendix)6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Copyb. ☐ Paper Copy (identical to computer copy)c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**7. ☐ Assignment Papers (cover sheet & document(s))8. ☐ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)9. ☐ English Translation Document (if applicable)10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations11. ☐ Preliminary Amendment12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)13. ☐ \*Small Entity Statements (2) ☐ Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)15. ☒ Other: Fee Transmittal form and check2. ☒ Specification [Total Pages 75]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Investigation
- Brief Description of the Drawings (if filed)
- Detailed Description

3. ☒ Drawing(s) (35 U.S.C. 113) 19

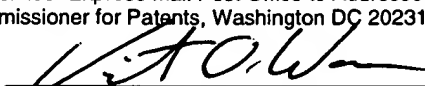
4. Oath or Declaration [Total Pages 2]

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).**\*Note for Items 1 & 13: In order to be entitled to pay Small Entity fees, a small entity statement is required (37 C.F.R. § 1.27), except if one filed in a prior application is relied upon (37 C.F.R. § 1.28).**16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:**This new application is based on the following Japanese patent applications: #11-71677 - Japan - filed March 17, 1999; #11-71678 - Japan - filed March 17, 1999; #11-144332 - Japan - filed May 25, 1999; and #11-147812 - Japan - filed May 27, 1999.****17. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	Insert Customer No. or Attach bar code label here		or <input type="checkbox"/> Correspondence address below	
Name	Vincent O. Wagner Woodard, Emhardt, Naughton, Moriarty and McNett			
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City	Indianapolis	State	IN	Zip Code 46204-5137
Country	USA	Telephone	317-634-3456	Fax 317-637-7561
Name (Print/Type)	Vincent O. Wagner		Registration No. (Attorney/Agent)	29,596
Signature				Date: MARCH 16, 2000

**Express Mail Label Number EL210000005US****Date of Deposit March 16, 2000**

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR Section 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington DC 20231.

  
Signature of person mailing paper or fee

# FEE TRANSMITTAL FOR FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity  
statement, otherwise large entity fees must be paid.  
See Forms PTO/SB/09-12.

## Complete if Known

Application Number Filed herewith  
Filing Date March 16, 2000  
First Named Inventor Katsuhisa Itoh  
Group Art Unit  
Examiner Name

Total Amount of Payment (\$)**\$768.00**

Attorney Docket Number 10110-2

### Method of Payment (check one)

### Fee Calculation (continued)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **23-3030**

Deposit Account Name **Woodard, Emhardt, Naughton, Moriarty & McNett**

☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	318	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	\$
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility Filing Fee	<b>\$690.00</b>
106	310	206	155	Design Filing Fee	
107	480	207	240	Plant Filing Fee	
108	690	208	345	Reissue Filing Fee	
114	150	214	75	Provisional Filing Fee	
<b>SUBTOTAL (1)</b>					<b>(\$690.00)</b>

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim, if not paid	
109	78	209	39	**Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					<b>(\$78.00)</b>

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim, if not paid	
109	78	209	39	**Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					<b>(\$78.00)</b>

**SUBTOTAL (2)** (\$78.00)

SUBMITTED BY

Other Fee (specify)

Other Fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL(3)**

\$

Typed or Printed Name **Vincent O. Wagner**

Date:  
**March 16, 2000**

Complete (if applicable)

Reg. Number **29,596**  
Deposit Account User ID **23-3030**

Signature

*V. O. Wagner*